Brunetti

Tube amplification

USER MANUAL

quarter century anniversary 25th 1990 - 2015

PLEXIMAN

This manual contains a lot of information required to have in-depth knowledge of the equipment. Therefore we recommend that you read this manual carefully in order to use its potentials to the very best. All of our products are made on an artisan basis and therefore you may find some small acoustic and/or structural differences. This is the very best guarantee of a truly hand-made product.

Finest Italian handmade

**THANK YOU FOR CHOOSING THE BRUNETTI PLEXIMAN AMP.
THE PURCHASE OF A BRUNETTI PRODUCT IS NOT JUST A FINANCIAL TRANSACTION, IT'S THE BEGINNING OF A "RELATIONSHIP" BETWEEN US AND OUR CUSTOMER.
IT'S OUR MISSION IN LIFE TO SATISFY YOUR EXEPCTATIONS FROM YOUR INVESTMENT IN THE BRUNETTI BRAND.**

Marco Brunetti

PLEXI

To celibrate 25 years of Brunetti, we wanted to design a new model that would make history in the world of guitar amplification. The Pleximan is the result of our efforts. This very special head is small in size, but is incredibly powerful. It has many similarities with its older 'sister', the Customwork Mercury. There are two tube powered channels plus other new features that add two extra channels, giving you four individual sounds with simple and effective operation. The philosophy of "less is more" is truly demonstrated by the Pleximan. Powerful but tame, the 50W/5W power amp is powered by EL34 tubes. Gorgeous, british rock sounds to suit a variety of musical genres are delivered effortlessly.

The Pleximan works perfectly with the Singleman 1x12 Vintage 30 Cab or the more powerful Customwork CW212 2x12 Vintage 30 Cab. Connect your choossen cabinet to the Pleximan, switch the power on and read this manual. You will then be ready to play and experience the emotion of Brunetti!

CONTROLS & SPECIFICATIONS

CH 1: Volume, Tone, **Dense**

CH 2: Gain, Bass, Middle, Treble, Volume, **Hotrod,** Extra, Mellow

Solo Volume: + 10dB (x3)

Potenza: 50W AB Class 2xEL34 fixed bias or 5W A Class (POWERLIMIT)

Effect loop: Serial & tube buffered. Sensitivity -10dB/0dB

Speaker out: 2 paralleled (linked) 4, 8, 16 Ω switchable

Footswitch: Ch, Hotrod, Solo volume

Tubes: 4 x 12AX7/ECC83 - 2 x EL34

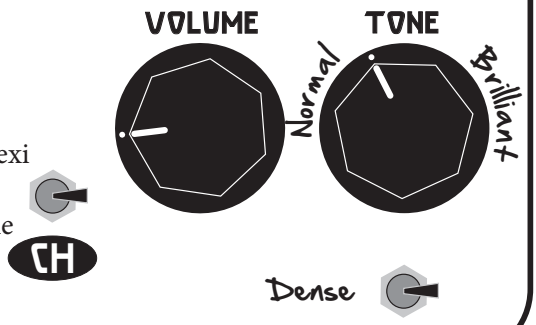
Standard equipment: Footswitch, power cable, cover, user manual

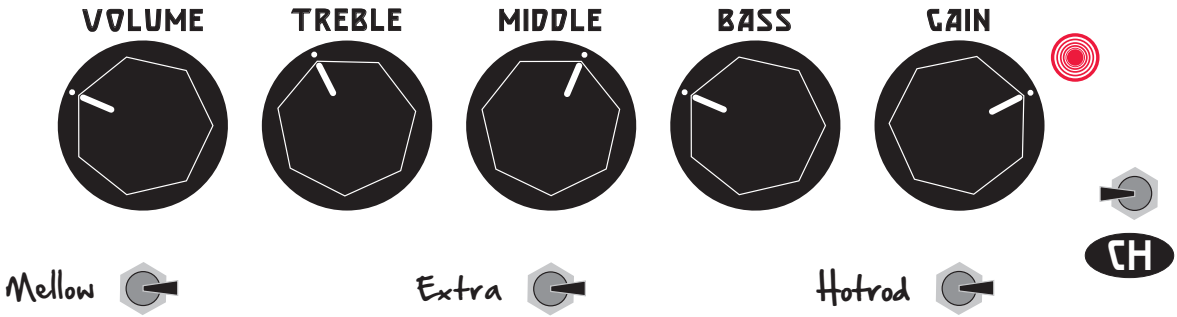
Dimension (inch): 17,7" (W), 7,5" (H), 8,7"(D)

Weight: 18lb (8,5Kg)

CH 1

Channel 1 is able to give many tonal nuances. Its characteristic is to add harmonics to the dynamic without distorting the basic sound.
It can generate very clean tones, but also compressed and emphasised harmonics (Dense mode). Warm and full-bodied, it is a classic British Plexi style channel, but with a new Brunetti shape. Simple, yet effective with very intuitive controls, this channel works perfectly with the range of stomp pedals. A real 'all-rounder' channel.

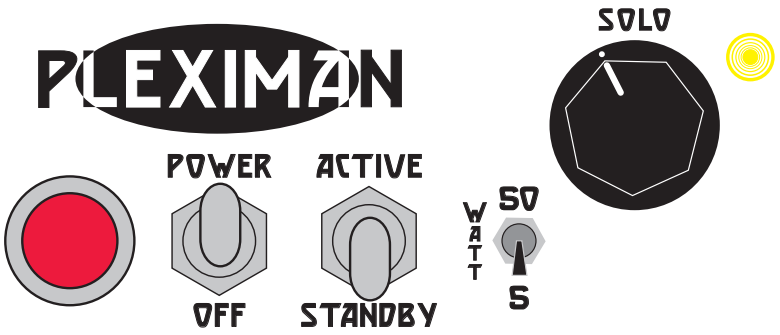




CH 2

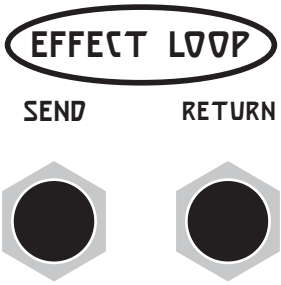
Channel 2 is designed with smooth or heavy distortion in mind. We have created it to be dynamic, but also with the right amount of compression. This is not a hi-gain 'metal' channel, but it can be 'cranked up' high without generating any annoying sharp or dissonant harmonics. Incomparable timbre, from smooth blues rock to crunchy and defined full-bodied tones.

The 'Hotrod' mode delivers a true 80's/90's sound. The hot and fluid distortion previously delivered by the Mercury Customwork range is evident in this mode. The classic stack EQ with the 'MELLOW' switch softens the tone. The 'EXTRA' function boosts a broad spectrum of midrange frequencies giving an incredible 'punch' to the overall sound. Simple and full of energy as per the Brunetti philosophy.

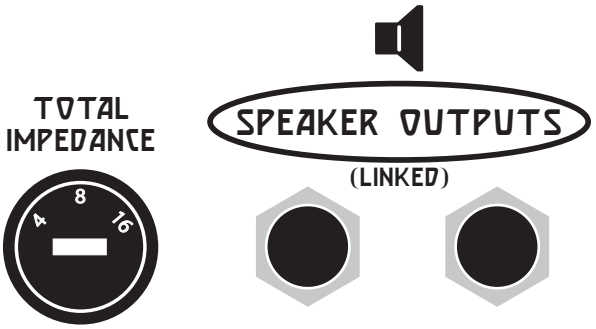


The Pleximan also has a 'SOLO' function as seen on the Customwork series. This convenient function more than doubles the output volume of the amp and is controlled via a simple footswtich.

The Pleximan is equipped with a power limit switch that steps down the power from 50W to 5W. When this mode is selected, a frequency compensation system is automatically engaged to give the same 'punch' at lower volumes.



The tube/buffered serial effect loop is compatible with stomp/pedal and rack effects with -10dB sensitivity.



There are two, connected speaker jack outputs.
When using only one speaker cabinet, set the total impedance equal to the impedance of the cabinet itself.
When using only two speaker cabinets of the same impedance, set the total impedance to half that of the nomainal cabinet impedance.

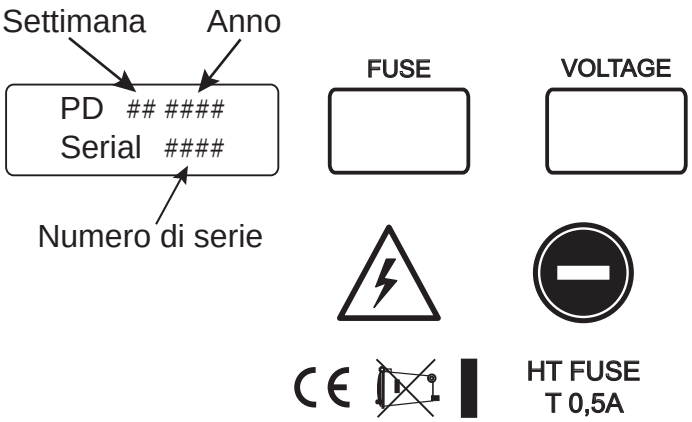
For example, to connect two 16Ω cabinets to the Pleximan, the impedance selector should be set to 8Ω.

The product identification data label shows the following information:

PD - the week and year of manufacture *

SERIAL - the product serial number *

** Make sure this information is clearly visible as without it, the product will not be eligible for technical assistance, either during or after the warranty period.*



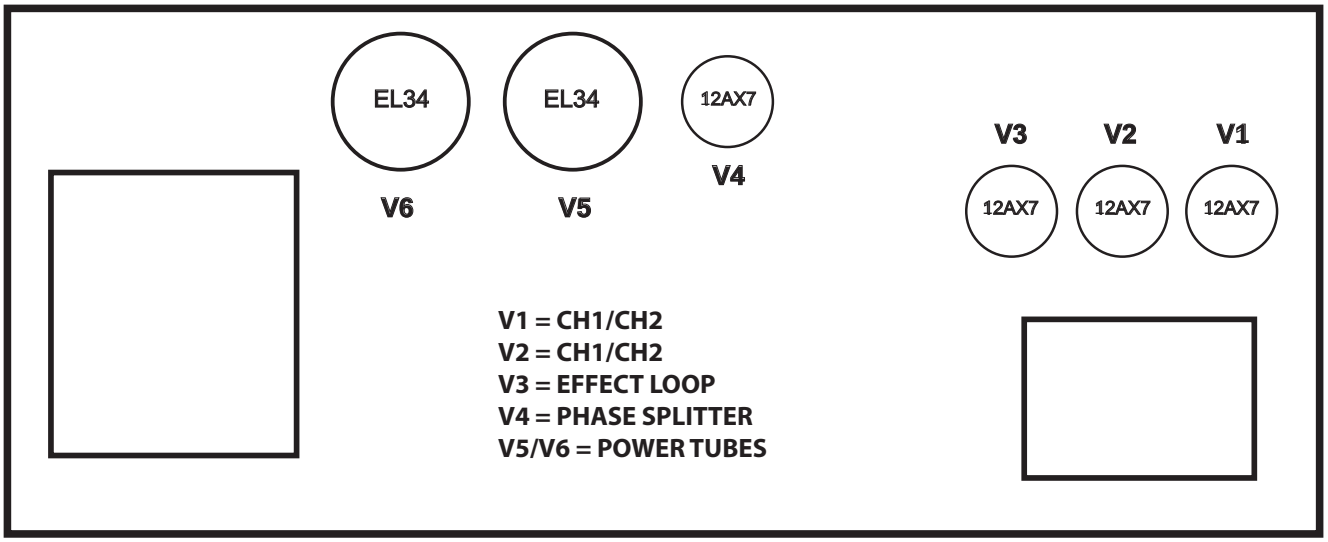
FUSE – the main fuse rating

VOLTAGE – voltage of mains input power for which the device has been manufactured.

HT FUSE - high voltage tubes fuse rating. Follow the indicated rating.

CAUTION !!!
DO NOT USE FUSES WITH DIFFERENT RATINGS TO THOSE ORIGINALLY FITTED AS THIS MAY RESULT IN SERIOUS DAMAGE TO THE DEVICE!

TUBES CHART



USEFUL INFORMATION

- Each tube is selected and matched to the amp during the electrical and sound testing procedure.

- Only replace defective tubes with the exact same model (better if supplied by Brunetti).

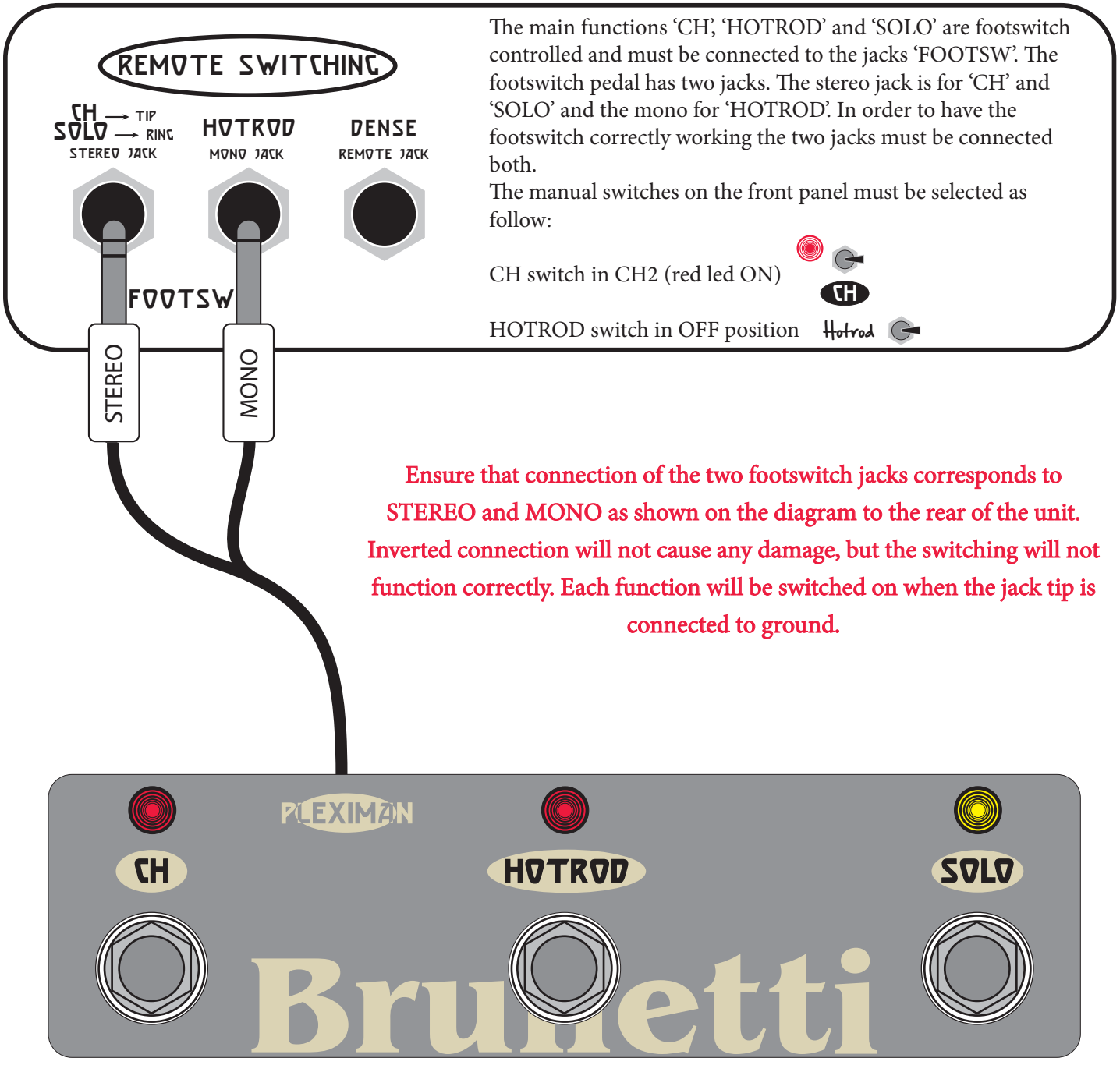
- The EL34 power tubes require bias adjustment after replacement.

Failure to use the correct type of valve may result malfunction of the amp.

CAUTION!
Inside the amplifier there are potentially lethal voltages. If your unit requires repair or service please contact Brunetti or a Brunetti approved service centre.
Qualified technicians guarantee that the work is carried out correctly.

If in doubt please email: support@brunetti.it

FOOTSWITCH e SWITCHING



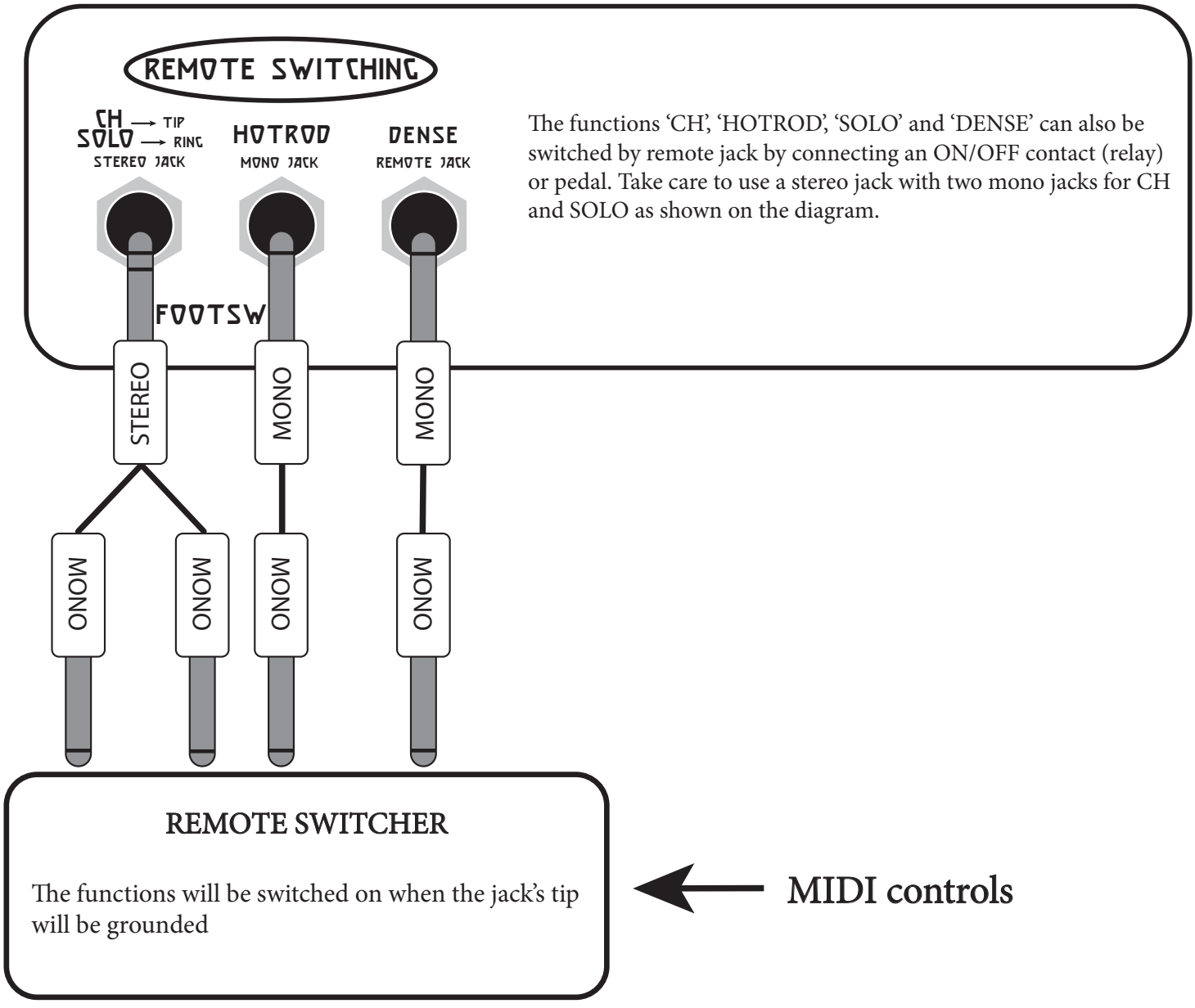
The main functions 'CH', 'HOTROD' and 'SOLO' are footswitch controlled and must be connected to the jacks 'FOOTSW'. The footswitch pedal has two jacks. The stereo jack is for 'CH' and 'SOLO' and the mono for 'HOTROD'. In order to have the footswitch correctly working the two jacks must be connected both.
The manual switches on the front panel must be selected as follow:

CH switch in CH2 (red led ON)

HOTROD switch in OFF position

Ensure that connection of the two footswitch jacks corresponds to STEREO and MONO as shown on the diagram to the rear of the unit. Inverted connection will not cause any damage, but the switching will not function correctly. Each function will be switched on when the jack tip is connected to ground.

SWITCHING REMOTO



The functions 'CH', 'HOTROD', 'SOLO' and 'DENSE' can also be switched by remote jack by connecting an ON/OFF contact (relay) or pedal. Take care to use a stereo jack with two mono jacks for CH and SOLO as shown on the diagram.

GENERAL INFO ON EFFECTS & LOOP

FILTER EFFECTS

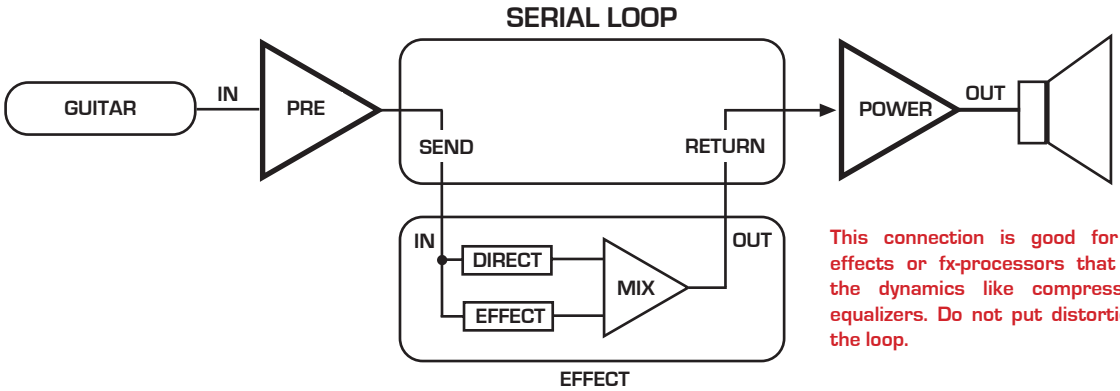
The filter effects main feature (see example) is the physical alteration of the signal wave, as a distortion pedal does. This family of effects finds its best place between guitar and preamp input.

MODULATION EFFECTS

The modulation effects main feature (see example) is the addition or the overlapping of other curves or waves to the input signal. This family of effects finds its best place in connection to the effects loop, i.e. between preamp and power amp.

SERIAL LOOP

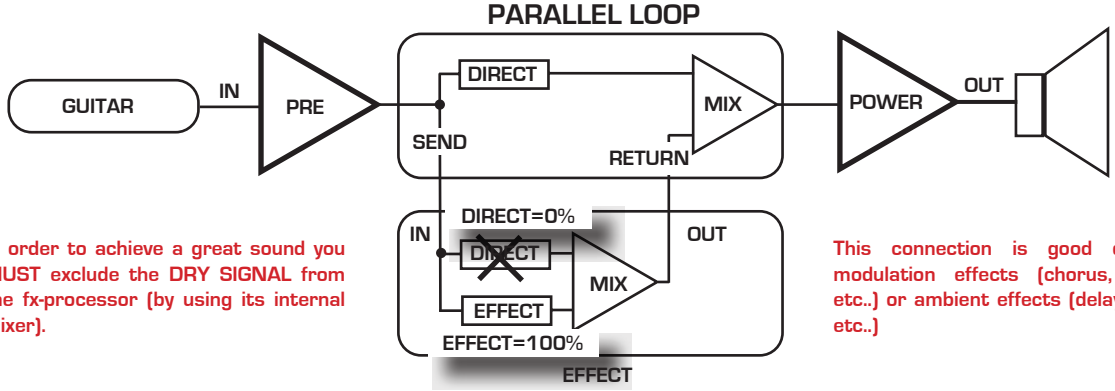
In the serial loop all the signal getting out of the preamp passes through the effects chain of the loop. During the setting of the effect you have to consider that the sound is composed by a share of the original sound (DRY) and a share of the processed sound (WET). They both come from the original sound and are mixed (MIX) INSIDE the effect processor before being sent to the outputs.



This connection is good for stomp effects or fx-processors that act on the dynamics like compressors or equalizers. Do not put distortion fx in the loop.

PARALLEL LOOP

In a parallel loop a share of the signal getting out of the preamp passes unaltered through the loop circuit (DRY) and a share reaches directly the SEND. The latter is processed by the effects, sent to the RETURN and then mixed with the DRY. The effect quality is less important here than in the serial loop because the original DRY signal will be not "colored" when it passes through the loop or the effect and the WET signal will be pleasantly added to the DRY signal.



In order to achieve a great sound you MUST exclude the DRY SIGNAL from the fx-processor (by using its internal mixer).

This connection is good only for modulation effects (chorus, phaser etc..) or ambient effects (delay, reverb etc..)

WARNING!!

Before any kind of cleaning/manteinance operation, disconnect the appliance from the electric supply

WARNINGS

- Do not EVER throw water jets directly on the appliance.
- Do not use water steams to clean the appliance.
- Do not use solvents to clean the appliance.
- The manufacturer declines all responsibility for any kind of damage to persons, things and/or animals resulting from a wrong use of the appliance.
- The appliance conformity is proved by CE symbol on the rear side.
- The manufacturer reserves the right to make any useful and essential change to the products without compromise the main safety and working features.
- Do not use the appliance barefoot.
- Do not touch the appliance with wet or moist hands or feet.
- Do not leave the appliance exposed to rain, sun, dust, umidity, etc...
- Do not allow children or incompetents to use the appliance.
- Do not leave inflammable materials near the appliance.
- Do not pull up the appliance by control knobs.
- Read carefully, compile and deliver the warranty attached to the appliance.
- The appliance repair may be done during the warranty period only by us, in our laboratory, or by authorized staff, in conformity to the national previsions in force.
- Control periodically all cables supplied with the appliance, if they result damaged, you have to replace them immediately with another one with the same characteristics.
- In case of damage contact the shop where you bought the appliance.
- The appliance must be earthed in conformity to the national previsions in force.

Please fill out the warranty form you find on

www.brunetti.it

to validate your warranty

WARNING!! Please refer to the manufacturer for all repairs and tubes replacement to insure the correct working of the preamplifier. It does not exist service centres licensed by Brunetti Marco & C. The manufacturer declines all responsibility for malfunctioning due to assistance not provided or authorized by Brunetti & C.

Brunetti Marco & C. S.a.s

Via De' Bonomini, 25/27
41100 MODENA ITALIA
Telefono: +39 059 243404
Fax: +39 059 216464
e-mail: info@brunetti.it (commercial)
e-mail: support@brunetti.it (technical)

www.brunetti.it
www.brunetti.it/forum